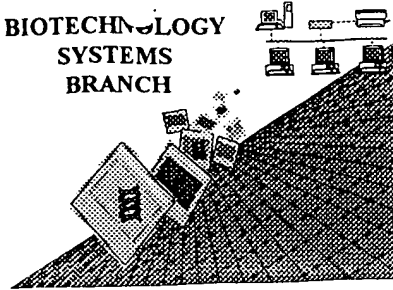


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/775,938
Source: O/PE
Date Processed by STIC: 2/14/2001

EST AVAILABLE COPY

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 - 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings; thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/775,938

DATE: 02/14/2001
 TIME: 16:31:51

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\02142001\I775938.raw

Does Not Comply
 Corrected Diskette Needed

3 <110> APPLICANT: University of California
 5 <120> TITLE OF INVENTION: Bryostatins, Bryopyrans and Polyketides: Compositions
 6 and Methods
 8 <130> FILE REFERENCE: 1133.010W01
 10 <140> CURRENT APPLICATION NUMBER: US/09/775,938
 11 <141> CURRENT FILING DATE: 2001-01-31
 13 <150> PRIOR APPLICATION NUMBER: 60/147,283
 14 <151> PRIOR FILING DATE: 1999-08-04
 16 <160> NUMBER OF SEQ ID NOS: 38
 18 <170> SOFTWARE: PatentIn Ver. 2.1

pg. 6-7

OK

*see
p. 6*

ERRORED SEQUENCES

1378 <210> SEQ ID NO: 38
 1379 <211> LENGTH: 1812
 1380 <212> TYPE: PRT
 1381 <213> ORGANISM: Endobugula sertula
 1383 <220> FEATURE:
 1384 <221> NAME/KEY: PEPTIDE
 1385 <222> LOCATION: (1)..(1810)
 1386 <223> OTHER INFORMATION: Corresponds to open reading frame in SEQ ID NO:29
 1388 <400> SEQUENCE: 38
 1389 Met Val Val Val Glu Glu Phe Phe Val Ser Tyr Arg Asp Ile Leu Lys
 1390 1 5 10 15
 1392 Ala Leu Gln Asp Glu Lys Ile Ser Phe Glu Glu Ala Lys Tyr Lys Leu
 1393 20 25 30
 1396 Ile Lys Arg Lys Asp Lys Lys Ser Lys Gln Arg Leu Asn His Asp Arg
 1397 35 40 45
 1399 Glu Leu Asn Arg Ser Met Asn Ile Thr Pro Lys Ile Val Asn Asn Tyr
 1400 50 55 60
 1402 Gly Leu Val Leu Leu Gly Gly His Leu Phe Glu Glu Leu Arg Leu Ser
 1403 65 70 75 80
 1405 Glu Trp Lys Ala Ala Asn Pro Asn Pro Asn Glu Val Ser Ile Gln Val
 1406 85 90 95
 1408 Lys Ala Ser Ala Ile Ser Phe Thr Asp Thr Leu Cys Val Gln Gly Leu
 1409 100 105 110
 1411 Tyr Pro Ser His Tyr Pro Phe Val Pro Gly Phe Glu Val Ser Gly Val
 1412 115 120 125
 1414 Ile Arg Gln Val Gly Glu His Ile Thr Asp Leu His Val Gly Asp Glu
 1415 130 135 140
 1417 Val Ile Ala Phe Thr Gly Ser Ser Met Gly Gly His Ala Ala Tyr Val
 1418 145 150 155 160
 1420 Thr Val Pro Gln Asp Tyr Val Val Arg Lys Pro Lys Asp Leu Ser Phe
 1421 165 170 175
 1423 Glu Asp Ala Cys Ser Phe Pro Leu Ala Phe Ala Thr Val Tyr His Ser
 1424 180 185 190

RAW SEQUENCE LISTING

DATE: 02/14/2001

PATENT APPLICATION: US/09/775,938

TIME: 16:31:51

Input Set : A:\PTO.txt

Output Set: N:\CRF3\02142001\I775938.raw

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1426 Phe Ala Arg Gly Lys Leu Ser His Asn Asp His Ile Leu Ile Gln Thr
1427      195      200      205
1429 Ala Thr Gly Gly Cys Gly Leu Met Ala Leu Gln Leu Ala Arg Leu Lys
1430      210      215      220
1432 Gln Cys Val Cys Tyr Gly Thr Ser Ser Arg Glu Asp Lys Leu Ala Leu
1433 225      230      235      240
1435 Leu Lys Gln Trp Ala Leu Pro Tyr Val Phe Asn Tyr Lys Thr Cys Asn
1437      245      250      255
1439 Ile Asp Glu Glu Ile Gln Arg Val Ser Gly His Arg Gly Val Asp Val
1440      260      265      270
1442 Val Leu Asn Met Leu Pro Gly Glu His Ile Gln Gln Gly Leu Asn Ser
1443      275      280      285
1445 Leu Ala Lys Gly Gly Arg Tyr Leu Glu Leu Ser Met His Gly Leu Leu
1446      290      295      300
1448 Thr Asn Glu Pro Val Ser Leu Ser Ser Leu Arg Phe Asn Gln Ser Val
1449 305      310      315      320
1451 Gln Thr Ile Asn Leu Leu Gly Leu Leu Asn Lys Gly Asp Asp Gly Phe
1452      325      330      335
1454 Ile Gly Ser Val Leu Ala Gln Met Val Ser Trp Ile Glu Ser Gly Asp
1455      340      345      350
1457 Leu Val Ser Thr Val Ser Arg Ile Tyr Pro Leu Asp Gln Ile Gly Glu
1458      355      360      365
1460 Ala Leu Arg Tyr Val Ser Glu Gly Glu His Ile Gly Lys Val Val Val
1461      370      375      380
1463 Ser His Thr Ala Thr Glu Pro Met Asp Cys Arg Gln Arg Cys Ile Asp
1464 385      390      395      400
1466 Asn Val Leu Lys Gln Gly Gln Met Ala Ala Leu Thr Ala Thr Gly Gly
1467      405      410      415
1469 Lys Ser Arg Val Trp Gly Gly Thr Gly Val Asn Asp Lys Pro Ser Pro
1470      420      425      430
1472 Ala Val Gly Ile Glu Glu Arg Leu Leu Glu Gly Ile Ala Val Ile Gly
1473      435      440      445
1475 Leu Ser Gly Gln Tyr Pro Lys Ser Lys Thr Leu Glu Gln Phe Trp Gln
1476      450      455      460
1478 Thr Leu Ala Asp Gly Val Asp Cys Ile Ser Glu Ile Pro Ala Asp Arg
1479 465      470      475      480
1481 Trp Ser Leu Glu Glu Tyr Tyr Ser Pro Ile Pro Glu Gly Gly Lys Thr
1482      485      490      495
1484 Tyr Cys Lys Trp Met Gly Val Leu Glu Asp Met Asp Cys Phe Asp Pro
1485      500      505      510
1487 Leu Phe Phe Ala Ile Ser Pro Arg Glu Ala Glu Val Met Asp Pro Gln
1488      515      520      525
1490 Gln Arg Leu Phe Leu Glu Asn Ala Trp Ser Cys Ile Glu Asp Ala Gly
1491      530      535      540
1493 Ile Asn Pro Lys Met Leu Ser Arg Ser Arg Cys Gly Val Phe Val Gly
1494 545      550      555      560
1496 Cys Gly Ala Asn Asp Tyr Ser Ala Leu Met Asn Ser Ser His Ser Thr
1497      565      570      575
1499 Ser Leu Glu Leu Met Lys Glu Leu Gly Asn Asn Ser Ser Ile Leu Ser

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/775,938

DATE: 02/14/2001

TIME: 16:31:51

Input Set : A:\PTO.txt

Output Set: N:\CRF3\02142001\I775938.raw

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1500          580          585          590
1502 Ala Arg Ile Ser Tyr Phe Leu Asn Leu Lys Gly Pro Cys Leu Ala Ile
1503          595          600          605
1505 Asp Thr Ala Cys Ser Ser Ser Leu Val Ala Ile Ala Glu Ser Cys Asn
1506          610          615          620
1508 Ser Leu Val Leu Gly Thr Ser Asp Leu Ala Leu Ala Gly Gly Val Leu
1509 625          630          635          640
1511 Leu Met Pro Gly Pro Ser Leu His Ile Gly Leu Ser His Gly Glu Met
1512          645          650          655
1514 Leu Ser Val Asp Gly Arg Cys Phe Thr Phe Asp Gln Arg Ala Asn Gly
1515          660          665          670
1517 Phe Val Pro Gly Glu Gly Val Gly Val Val Leu Leu Lys Arg Met Ser
1519          675          680          685
1521 Asp Ala Val Arg Asp Gly Asp Pro Ile Arg Ala Val Ile Arg Gly Trp
1522          690          695          700
1524 Gly Val Asn Gln Asp Gly Arg Ser Asn Gly Ile Thr Ala Pro Ser Ser
1525 705          710          715          720
1527 Lys Ala Gln Ser Ala Leu Glu Gln Glu Val Tyr Gln Arg Phe Asn Ile
1528          725          730          735
1530 Asp Pro Ser Ser Ile Thr Leu Val Glu Ala His Gly Thr Gly Thr Lys
1531          740          745          750
1533 Leu Gly Asp Pro Ile Glu Val Glu Ala Leu Ala Glu Ser Phe Arg Val
1534          755          760          765
1536 Tyr Thr Asp Lys Arg His Tyr Cys Ala Leu Gly Ser Val Lys Ser Asn
1537          770          775          780
1539 Ile Gly His Leu Gly Val Gly Ala Gly Ile Ala Gly Val Thr Lys Val
1540 785          790          795          800
1542 Leu Leu Ser Leu Gln His Arg Met Leu Pro Thr Ile His Cys Glu
1543          805          810          815
1545 Asp Val Asn Pro Gln Ile Ala Leu Glu Gly Ser Pro Phe Tyr Ile Asn
1546          820          825          830
1548 Thr Glu Leu Lys Pro Trp Gln Ser Gly Asp Ser Ile Pro Arg Arg Ala
1549          835          840          845
1551 Gly Val Ser Ser Phe Gly Phe Ser Gly Thr Asn Ala His Leu Val Leu
1552          850          855          860
1554 Glu Glu Tyr Leu Pro His Ser Thr Gly Thr Ile Glu Ser Phe Ala Ala
1555 865          870          875          880
1557 Asn His Ala Ser Thr Val Ile Ile Pro Leu Ser Ala Lys Ser His Asn
1558          885          890          895
1560 Ser Leu Tyr Thr Tyr Ala Gln Thr Leu Leu Ile Phe Leu Lys Arg Ser
1561          900          905          910
1563 Gln Val Thr Asp Ala Lys Lys Ile Thr Ile Asp His Met Glu Cys Arg
1564          915          920          925
1566 Leu Leu Asp Leu Ala Tyr Thr Leu Gln Val Gly Arg Glu Ala Met Asp
1567          930          935          940
1569 Lys Arg Ile Ser Phe Ile Val Asn Thr Lys Gln Ala Leu Val Glu Lys
1570 945          950          955          960
1572 Leu Asn Ala Phe Leu Glu Lys Glu Lys Thr Ile Thr Asp Cys Tyr His
1573          965          970          975

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RAW SEQUENCE LISTING

DATE: 02/14/2001

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TIME: 16:31:51

Input Set : A:\PTO.txt

Output Set: N:\CRF3\02142001\I775938.raw

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1575 Tyr Leu Phe Asp Ser Asp Lys Pro Ser Thr Glu Ile Phe Arg Leu Asp
1576          980          985          990
1578 Glu Asp Asp Lys Val Leu Ile Asn Ser Trp Ile Ser Gln Ser Gln Tyr
1579          995          1000          1005
1581 His Lys Leu Ala Glu Ala Trp Ser Gln Gly Leu Asp Ile Asp Trp Thr
1582      1010          1015          1020
1584 Leu Leu Tyr Thr His Ser Ser Thr Pro Arg Arg Ile Ser Leu Pro Thr
1585 1025          1030          1035          1040
1587 Tyr Pro Phe Ala Arg Asp Arg Tyr Trp Leu Pro Glu Lys Pro Arg Tyr
1588          1045          1050          1055
1590 Asn Ala Ala Asn His Pro Val Ser Asn His Gln Thr Thr Thr Gln Asn
1591          1060          1065          1070
1593 His Ser Arg Phe Ala Ile Asp Thr Asp His Asp Val Val Ala Glu Ile
1594          1075          1080          1085
1596 Met Gln Lys Thr His Gln Gln Glu Leu Glu Gln Trp Leu Leu Lys Leu
1597      1090          1095          1100
1599 Leu Phe Val Gln Leu Gln His Met Gly Leu Phe Gln His Arg Val Phe
1601 1105          1110          1115          1120
1603 Glu Thr Ala Thr Ala Leu Arg Gln Ser Ala Gly Ile Val Asp Lys Tyr
1604          1125          1130          1135
1606 Asp Arg Trp Trp His Glu Cys Leu Ser Val Leu Gln Asp Ala Gly Tyr
1607          1140          1145          1150
1609 Leu Glu Trp Lys Asp Asp Ser Val Ala Ala Ala Gln Ala Leu Glu Ser
1610          1155          1160          1165
1612 Glu Ser Gln Glu Ala Trp Trp Ser Arg Trp Asn Thr Glu Tyr Lys His
1613      1170          1175          1180
1615 Tyr Gln Asn Asp Pro Glu Lys Lys Thr Leu Ala Ile Leu Ile Asn Asp
1616 1185          1190          1195          1200
1618 Cys Leu Gln Ala Leu Pro Gly Val Leu Ser Gly Glu Gln Leu Ile Thr
1619          1205          1210          1215
1621 Asp Ile Ile Phe Pro Asn Gly Ser Met Glu Lys Met Glu Gly Leu Tyr
1622          1220          1225          1230
1624 Lys Asn Asn Arg Ile Ala Asp Tyr Cys Asn Gln Cys Val Gly Asp Leu
1625          1235          1240          1245
1627 Leu Val Gln Phe Ile Glu Ala Arg Leu Ser Arg Asp Ala Asn Ala Arg
1628      1250          1255          1260
1630 Ile Arg Ile Ile Glu Ile Gly Ala Gly Thr Gly Gly Thr Thr Ala Ile
1631 1265          1270          1275          1280
1633 Val Leu Pro Met Leu Gln Ala Tyr Gln Asp His Ile Asp Thr Tyr Cys
1634          1285          1290          1295
1636 Tyr Thr Asp Val Ser Lys Ala Phe Leu Met His Gly Gln Glu His Tyr
1637          1300          1305          1310
1639 Gly Glu Gln Tyr Pro Tyr Leu Ser Tyr Cys Leu Cys Asn Ile Glu Gln
1640          1315          1320          1325
1642 Asp Leu Val Ala Gln Gly Ile Ser Val Gly Asp Tyr Asp Ile Ala Ile
1643      1330          1335          1340
1645 Ala Ala Asn Val Leu His Ala Thr Arg Asn Ile His Glu Thr Val Ser
1646 1345          1350          1355          1360
1648 His Val Arg Gln Ala Leu Ala Ala Asn Gly Leu Leu Ile Leu Asn Glu

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RAW SEQUENCE LISTING

DATE: 02/14/2001

PATENT APPLICATION: US/09/775,938

TIME: 16:31:51

Input Set : A:\PTO.txt

Output Set: N:\CRF3\02142001\I775938.raw

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1649          1365          1370          1375
1651 Phe Ser Gln Lys Ser Val Phe Ser Ser Val Ile Phe Gly Leu Ile Asp
1652          1380          1385          1390
1654 Gly Trp Ala Leu Ser Glu Asp Thr Gly Leu Arg Ile Pro Gly Ser Pro
1655          1395          1400          1405
1657 Gly Leu Tyr Pro Lys Gln Trp Gln Ala Val Leu Glu Ala Ser Gly Phe
1658          1410          1415          1420
1660 Gly Asp Val Glu Phe Pro Leu His Asp Ala Arg Glu Leu Gly Gln Gln
1661 1425          1430          1435          1440
1663 Ile Ile Leu Ala Thr Asn Ala His Ala Asn Val Ala Ser Asp Leu Ala
1664          1445          1450          1455
1666 Thr Ser Val Ile Asp His Ala Pro Lys Arg Leu Pro Ser Ala Glu Val
1667          1460          1465          1470
1669 Ser Met Asp Glu Arg Val Ser His Asp Ala Met Met Lys Ala Ser Val
1670          1475          1480          1485
1672 Lys Gln Leu Leu Val Glu Gln Leu Ser Gln Ser Leu Lys Leu Asp Met
1673          1490          1495          1500
1675 Asn Glu Ile His Pro Asp Glu Ser Phe Ala Asp Tyr Gly Val Asp Ser
1676 1505          1510          1515          1520
1678 Ile Thr Gly Ala Ser Phe Ile Gln Gln Leu Asn Asp Thr Leu Thr Leu
1679          1525          1530          1535
1681 Thr Leu Lys Thr Val Cys Leu Phe Asp His Ser Ser Val Asn Arg Leu
1683          1540          1545          1550
1685 Thr Ala Tyr Leu Leu Ser Asp Tyr Gly Asp Asp Ile Ala Gln Trp Leu
1686          1555          1560          1565
1688 Ala Thr Ala Pro Ala Leu Val Asp His Pro Gln Ser Val Val Ser Gln
1689          1570          1575          1580
1691 Val Leu Pro Glu Arg Ser Pro Ala Ser Thr Gln Ala Lys Pro Leu Pro
1692 1585          1590          1595          1600
1694 Ser Val Pro Pro Ser Leu Ser Met Glu Ser Pro Val Gln Gln Glu Ser
1695          1605          1610          1615
1697 Ile Ala Ile Ile Gly Met Ser Gly Arg Phe Ala Ala Ser Glu Asn Leu
1698          1620          1625          1630
1700 Glu Ala Phe Trp Gln Gln Leu Ala Gln Gly Val Asp Leu Val Glu Pro
1701          1635          1640          1645
1703 Ala Ser Arg Trp Gly Pro Gln Ala Glu Thr Tyr Tyr Gly Ser Phe Leu
1704          1650          1655          1660
1706 Lys Asp Met Asp Gln Phe Asp Pro Leu Phe Phe Asn Leu Ser Gly Val
1707 1665          1670          1675          1680
1709 Glu Ala Ser Tyr Met Asp Pro Gln Gln Arg Cys Phe Leu Glu Glu Ser
1710          1685          1690          1695
1712 Trp Asn Ala Leu Glu Asn Ala Gly Tyr Val Gly Asp Gly Ile Glu Gly
1713          1700          1705          1710
1715 Lys Arg Cys Gly Ile Tyr Ala Gly Cys Val Ser Gly Asp Tyr Ala Gln
1716          1715          1720          1725
1718 Leu Leu Gly Asp Gln Pro Pro Pro Gln Ala Phe Trp Gly Asn Ala Ser
1719          1730          1735          1740
1721 Ser Ile Ile Pro Ala Arg Ile Ala Tyr Tyr Leu Asn Leu Gln Gly Pro
1722 1745          1750          1755          1760

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/775,938

DATE: 02/14/2001
TIME: 16:31:51

Input Set : A:\PTO.txt
Output Set: N:\CRF3\02142001\I775938.raw

1724 Ala Thr Ala Val Asp Thr Ala Cys Ser Ser Ser Leu Val Ala Val His
1725 1765 1770 1775
1727 Leu Ala Cys Gln Ala Leu His Leu Asp Glu Met Glu Met Ala Leu Ala
1728 1780 1785 1790
1730 Gly Gly Val Ser Leu Tyr Pro Thr Pro Ile Ile Val Glx Val Phe Ala
1731 1795 1800 1805
1733 Trp Cys Arg Tyr
1734 1810

E--> 1738 ⑨

delete at end of file

<210> 24

<211> 103

<212> PRT

<213> Endobugula sertula

<400> 24

Thr Trp Xaa Ser Leu Leu Arg Trp Gly Leu Leu Gln Asn His Phe Asp

1

5

10

15

Pro Tyr Thr Glu Lys Lys Asn Tyr Cys Ala Ser Gly Ser Val Lys Ser

20

25

30

Asn Ile Gly His Leu Thr Ala Ala Gly Val Ser Gly Val Val Lys Val

35

40

45

Leu Leu Ala Leu Lys His Lys Gln Leu Pro Pro Ser Cys His Leu Val

50

55

60

Lys Ile Asn Glu His Ile Asn Leu Glu Asp Ser Pro Phe Tyr Ile Asn

65

70

75

80

Thr Ala Leu Lys Lys Trp Glu Val Ser Glu Gly Glu Ala Arg Arg Ala

85

90

95

Ala Val Ser Ser Phe Gly Ser

100

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/775,938

DATE: 02/14/2001

TIME: 16:31:52

Input Set : A:\PTO.txt

Output Set: N:\CRF3\02142001\I775938.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:31 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:46 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:456 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:24
L:456 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:24
L:456 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:24
L:456 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:24
L:456 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:24
L:725 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:787 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:789 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
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L:804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
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L:835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:838 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:844 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
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L:866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/775,938

DATE: 02/14/2001

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Input Set : A:\PTO.txt

Output Set: N:\CRF3\02142001\I775938.raw

L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
 L:869 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
 L:881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
 L:887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
 L:894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
 L:901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
 L:902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
 L:905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
 L:906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
 L:1738 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:38